

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Application No.: Date Filed: Title:		Lundell, Louis J. et al. 1/27/04 COMMUNICATION DEVIO	Group Art Unit: Examiner: Batch No.:	ON					
		COMMUNICATION DEVI							
		INFORMATION DISC	OSURE STATEMENT	(IDS)					
		or Patents 22313-1450							
SIR:									
listed of	n attache	rdance with 37 C.F.R. §1.56 and in the Form PTO/SB/08 and/or subsequent the United States Patent and Trader	uently identified herein, are	§§1.97 and 1.98, the references being submitted herewith for					
I.	COPIES a.⊠	A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included herewith.							
	b. 🗌	Any patents, publications or other enclosed herewith were previously applications which has been relied	cited by or submitted to the	ne PTO in one of the following					
		U.S. Serial Number		U.S. Filing Date					
II.	<u>CONCI</u> a. ⊠ b. □	SE EXPLANATION OF THE REL Except as may be indicated below information are in the English lang A concise explanation of the relev	in (b) of this section, all of t uage (concise explanation no	he patents, publications or other of required).					
	c. 🗆	that is not in the English language The following additional informati	is as follows:						
ш. 🗆	CROSS REFERENCE TO RELATED APPLICATION(S) The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.								
	Serial N	No. Filing I	<u>Pate</u>	Art Unit					
			<u>FEES</u>						
IV. 🛚	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box) a. within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.								
	b	within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.							
	c. 🗌	before the mailing date of a first (or statement is required.	Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee					
	d.	before the mailing date of a firs examination under § 1.114 (37 C.I.							

4.7.3

V. 🗍	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowand under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.I. §1.97(c)). a. No statement; therefore, charge Deposit Account 502117 the fee set forth in 37 C.F.R.						
	b. 🔲	§1.17(p) See the s	statement below. No fee is requ	ired.			
VI. 🔲		fore payn a statem	ING FILED UNDER 37 C.F.R. nent of the issue fee and is according to the inner of the issue fee and is according to the issue fee and is according to the issue fee and is according to the inner of the	npanied by the following: provided below; and			
VII. 🗌	The und a. □	lersigned each iter Patent C of IDS;	office in a counterpart foreign ap	k only one box, if applicable) he IDS was cited in a communication from a foreign plication not more than three months prior to the filing e IDS was cited in a communication from a foreign			
	b.	Patent C statemen known t	Office in a counterpart foreign and after making reasonable inqu	oplication, and to knowledge of the person signing the iry, no item of information contained in the IDS was 37 C.F.R. 1.56(c) more than three months prior to the			
	c.	some of foreign informat a counte to the re informat a counte making	the items of information contained. Patent Office. As to this in tion contained in the IDS was citarpart foreign application not me emaining information, the undertion contained in the IDS was citarpart foreign application or, to reasonable inquiry, no item of all designated in 37 C.F.R. 1.56	ned in the IDS were cited in a communication from a formation, the undersigned states that each item of ted in a communication from a foreign Patent Office in re than three months prior to the filing of this IDS. As exigned hereby states that no item of this remaining ted in a communication from a foreign Patent Office in the knowledge of the person signing the statement after information contained in the IDS was known to any of(c) more than three months prior to the filing of this			
VIII.	PAYMI	A check in the amount of is enclosed for the above-identified fee(s). Please charge Deposit Account 502117 in the amount of \$180.00 for the above-indicated fee(s). If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117. Two Copies of this paper are attached for Deposit Account charges and debits.					
The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.							
If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account 502117.							
Custom	ROLA, II er Numbe		PTO/SB/08	Respectfully submitted, Lundell, Louis J. et al. Matthew C. Loppnow Attorney for Applicant(s) Reg. No. 45,314 Tel. 847-523-2585			
Enclosu	u CS:		References Foreign Search Report Other:				

PTO/SR/084 (04-03)

								P10/SB/08A (04-03)		
Substitute for form 1449A/PTO				Complete if Known						
Substitut	6 (OI 10IIII 144)	07VI 10	ł	Application Number						
	MATION DISCLOSURE	ı	Filing Date		1/23/04					
	EMENT BY APPLICANT	First Named	Inventor		Lundell, Louis J. et al.					
	EWIENT BY APPLICANT	Group Art Unit								
lucanen	necessary)	Examiner Name								
Sheet	any sneets as		1	Attorney Docket Number		CS23263RL				
Officer		Attorney Docket Number								
U. S. PATENT DOCUMENTS										
Examiner	Cite No. 1	Document Number				me of Patentee or Applicant		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	levant	
Initials*	als* Number -Kind Code ² (if known) M		MM-	DD-YYYY	of Cited Document		nt]	Passages of Helevant Figures Appear		
		US - 4,776,270				moto				
		US - 5,465,193	11-07							
		US 5,577,849	11-26	26-1996 Durbin et a		n et al.				
		US - 6,161,944	12-19	19-2000 Leman		n				
		US 6,191,939 B1	02-20-2001		Burnett					
			01-08							
	US - 6,422,712 B1					Nousiainen et al.				
-			1				Î			
			<u> </u>							
			<u> </u>							
			ļ							
			ļ							
			ļ <u> </u>		ļ				-	
	1			·						
		FO	REIGN P	ATENT DOC	UMENT	S				
Examine r Initials*	Examine Cite No. 1 Foreign Patent Document Country Code3 Number 4 Kind Code2 (if		Publication Date		Name of Patentee or Applicant of Cited Documen		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6		
						ļ		ļ		
				_				<u> </u>		
						1			1	

Signature Considered EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner

Date

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English Language Translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.